Reditest® On-Site Oral

Substance abuse screening device

For Forensic Use Only.
The information in this presentation is a general overview on using the Reditest® On-Site Oral substance abuse screening device.

**Product Training Contents:**

- On-Site Oral overview
- Collection procedure
- Testing procedure
- Reading results
- Sending presumptive positives for confirmation
**On-Site Oral technical information**

*It is important to read the package insert before using the Reditest® On-Site Oral screening device.*

**Screening Results:**
The On-Site Oral device is used for **Screening Only**. Positive results obtained with this device are presumptive.

Additional testing is necessary to **confirm** the presumptive positive results. Positive results should be “confirmed” by an **alternate method** such as GC/MS (Gas Chromatography/Mass Spectrometry) or LC/MS/MS (Liquid Chromatography/Tandem Mass Spectrometry).

Professional judgment should be applied to any drug of abuse test result, particularly with preliminary positive results.

*The On-Site Oral screening device is a lateral flow chromatographic immunoassay for the qualitative detection of amphetamine, methamphetamine, cocaine, opiates, marijuana, phencyclidine and their metabolites in oral fluids.*

*For Forensic Use Only.*
Product overview
On-Site Oral product overview

FEATURES & BENEFITS

• Available tests include: *AMP, M-AMP, THC, COC, OPI and PCP
• Eliminates the need for urine collection
• Eliminates controlled collection sites and their associated fees
• Provides a drug test without privacy issues
• Eliminates the need for same sex collectors, special equipment and complicated training
• Ideal for recent use detection
• Results in 10 minutes

* See page 8 for abbreviations and cut-off levels
On-Site Oral components

- **On-Site Oral Device**
  - Control Region
  - Test Region
  - Sample Wells

- **Collection Device**
  - Handle
  - Cap
  - Sponge
  - Strainer
  - Collection Chamber
  - Screw Cap

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**COLLECTION PROCEDURE**

1. Remove collector from the pouch.
2. Insert sponge into mouth and swab inside for 3 minutes—until saturated.
3. Remove collector from mouth.
4. Flip open collection chamber cap (do not insert septum at this time).
5. Place collector into chamber and press sponge firmly against septum. Snap cap shut on collection chamber.

**TESTING PROCEDURE**

1. To run test, twist and open screw cap of the dropper tip assembly to expose dropper tip.
2. Invert collection chamber and transfer 3 drops of oral fluid into each sample well of the test device.
4. Read results at 10 minutes. Do not read results after 1 hour.
On-Site Oral Packaging

Lot number, expiration date, part number and a list of abbreviated* drugs screened on that specific On-Site Oral device are located on the back of the foil pouch.

* See page 8 for abbreviations
## On-Site Oral cutoff levels

<table>
<thead>
<tr>
<th>Drug</th>
<th>Target Drug</th>
<th>Cutoff</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amphetamine (AMP)</td>
<td>D-Amphetamine</td>
<td>50 ng/mL</td>
</tr>
<tr>
<td>Cocaine (COC)</td>
<td>Benzoylecgonine</td>
<td>20 ng/mL</td>
</tr>
<tr>
<td>Marijuana (THC)</td>
<td>11-nor-∆9-THC-9 COOH</td>
<td>12 ng/mL</td>
</tr>
<tr>
<td>Methamphetamine (M-AMP)</td>
<td>D-Methamphetamine</td>
<td>50 ng/mL</td>
</tr>
<tr>
<td>Opiates (OPI)</td>
<td>Morphine</td>
<td>40 ng/mL</td>
</tr>
<tr>
<td>Phencyclidine (PCP)</td>
<td>Phencyclidine</td>
<td>10 ng/mL</td>
</tr>
</tbody>
</table>
# Drug Detection Times

<table>
<thead>
<tr>
<th>Drug</th>
<th>Detection Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amphetamine (AMP)</td>
<td>Up to 48 hours (approximately)</td>
</tr>
<tr>
<td>Cocaine (COC)</td>
<td></td>
</tr>
<tr>
<td>Methamphetamine (M-AMP)</td>
<td></td>
</tr>
<tr>
<td>Opiates (OPI)</td>
<td></td>
</tr>
<tr>
<td>Phencyclidine (PCP)</td>
<td></td>
</tr>
<tr>
<td>Marijuana (THC)</td>
<td>Up to 24 hours (approximately)</td>
</tr>
</tbody>
</table>
Collection procedure
Collect specimen

Remove the collector from the sealed pouch.

Insert the sponge end of the collector into the mouth.
Collecting specimen

Actively swab the inside of the mouth and tongue to collect oral fluid for a total of **3 minutes** until the sponge becomes fully saturated.

**Gently pressing the sponge between the tongue and teeth will assist saturation.** No hard spots should be felt on the sponge when saturated.
Collecting specimen

Remove collector from mouth.

NOTE: The device may be left in the mouth longer than 3 minutes to “fully saturate” the sponge.
Testing procedure
Testing procedure

Flip open the cap of the collection chamber (do not twist open the cap of the collection chamber at this time).

Place saturated oral fluid collector into chamber and press sponge fully against strainer to collect oral fluid. Discard collector. Snap the cap shut on the collection chamber.
Optimum amount of oral fluid to collect is between:

1 – 1.5 mL

This helps ensure proper specimen volume for initial test and possible confirmation tests.
Testing procedure

Open the foil pouch and remove the On-Site Oral device.

To run the test, twist open the screw cap of the dropper tip assembly to expose dropper tip.
Testing procedure

Invert the collection chamber and transfer **3 drops** of oral fluid into each sample well of the test device.

Place screw cap back onto collection chamber with remaining oral fluid. To prevent leakage, make sure the lid is threaded properly and tightly fastened.

**Apply security seal over screw cap.** Security Seals are provided with the test devices.
Reading results
Reading results

Wait for colored lines to appear. Read test results at **10 minutes**. Do not interpret results after 1 hour as false results may occur. **NOTE:** Any line at all in the test area is to be interpreted as negative.

Note: As oral fluid wicks up the test device a “pink” color may be seen in the test area. Lines will develop at different rates. Wait the entire 10 minutes before reading results.
**Result interpretation**

**NEGATIVE**
The control line must be colored to indicate the test is valid. Any visible line, even a faint line, indicates a negative result. See example page 22.

**POSITIVE**
The control line must be colored to indicate the test is valid. The test area must be snow white to be considered positive. See example page 23. *Additional testing is necessary to confirm the presumptive positive results. Positive results should be “confirmed” by an alternate method such as GC/MS (Gas Chromatography Mass Spectrometry).*

**INVALID**
When there is no line in the control line area, the result is invalid. If an invalid result is obtained repeat the test using a new test device.

If the problem persists, contact RTL Toxicology Support Services at: (800) 255-2159, option 5.
Reading results

Negative Example

NEGATIVE = line is present

Any visible line, even a faint line, indicates a negative result.
Reading results

Presumptive Positive Example

**POSITIVE** = line is not present

Presumptive positive for cocaine (no line is present).
Additional support services
Additional support services

SENDING SPECIMENS TO THE LABORATORY  » Download PDF
For instruction on how to send presumptive positive specimens to the lab, please review the next document in the training services: “Shipping & Labeling Protocol”.

COLLECTION AND REPORTING MANAGEMENT  » Learn more
Take advantage of RTL’s powerful collection and reporting system. Schedule donors, manage on-site tests, view reports and route presumptive positive specimens to the lab.

PRELIMINARY RESULT FORMS  » Download PDF
Log on-site results by downloading a Preliminary Result Form PDF. Printed form pads are available by request. These forms are not lab test request forms (for further confirmation testing).